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1   Chinese Word Segmentation and Named Entity Recognition: A Pragmatic Approach

Jianfeng Gao, Mu Li, Andi Wu, Chang-Ning Huang
December 2005   Computational Linguistics,   Volume 31 Issue 4
Publisher: MIT Press

Full text available: pdf(1.77 MB)   Additional Information: full citation, abstract, references, cited by, index terms

This article presents a pragmatic approach to Chinese word segmentation. It differs from most previous approaches mainly in three respects. First, while theoretical linguists have defined Chinese words using various linguistic criteria, Chinese words ...

2 Effectiveness of annotating by hand for non-alphabetical languages

Muhd Dzulkhiflee Hamzah, Shun'ichi Tano, Mitsuru Iwata, Tomonori Hashiyama
April   CHI '06: Proceedings of the SIGCHI conference on Human Factors in
2006   computing systems
Publisher: ACM

Full text available: pdf(964.45 KB)   Additional Information: full citation, abstract, references, index terms

Unlike documents, annotation for multimedia information needs to be input as text, not in the form of symbols such as underlines and circles. This is problematic with keyboard input for non-alphabetical languages, especially the East Asian languages ...

Keywords: cognitive load, handwritten annotation, input speed, keyboard input, non-alphabetical languages

3 Text input for mobile devices: comparing model prediction to actual performance

Christina L. James, Kelly M. Reischel
March   CHI '01: Proceedings of the SIGCHI conference on Human factors in
2001   computing systems
Publisher: ACM

Full text available: pdf(230.25 KB)   Additional Information: full citation, abstract, references, cited by, index terms

A study was conducted to obtain performance data for entering text on a mobile phone in order to compare it to performance predictions based on two different mathematical models. Speed data was obtained for two text input methods, T9 Text Input and Multi-tap. ...

Keywords: keypad input, mobile phones, mobile systems, performance modeling, text entry

4 Frontiers in electronic media

Kim H. Veltman
July 1997   interactions,   Volume 4 Issue 4
Publisher: ACM

Full text available: pdf(11.63 MB)   Additional Information: full citation, references, cited by, index terms, review

5 Practical considerations for participatory design with rural school children in underdeveloped regions: early reflections from the field

Matthew Kam, Divya Ramachandran, Anand Raghavan, Jane Chiu, Urvashi Sahni, John Canny

June 2006   IDC '06: Proceedings of the 2006 conference on Interaction design and children

Publisher: ACM

Full text available: pdf(276.37 KB)   Additional Information: full citation, abstract, references, cited by, index terms

This paper draws on a 2-week design workshop conducted at a rural primary school in northern India to provide recommendations on carrying out participatory design with school children in rural, underdeveloped regions. From our experiences in prototyping ...

Keywords: children, participatory design, third world

6 The correlation study of eWOM and product sales predictions through SNA perspectives: an exploratory investigation by Taiwan's cellular phone market

Jyun-Cheng Wang, Chui-Chen Chiu, Jr-jing Tang

August 2005   ICEC '05: Proceedings of the 7th international conference on Electronic commerce

Publisher: ACM

Full text available: pdf(502.81 KB)   Additional Information: full citation, abstract, references, index terms

Word of mouth (WOM) provide a crucial role in marketing promotions. Extending the practices to internet, the electronic word-of-mouth (eWOM) presents a new mechanism for understanding the information propagation and diffusion of innovations, and their ...

Keywords: diffusion of innovations, electronic word-of-mouth (eWOM), forum, internet marketing, social network analysis, word-of-mouth (WOM)

7 The Korean twiddler: one-handed chording text entry for Korean mobile phones

Myungcheol Doo, Kent Lyons, Thad Starner

April 2006   CHI '06: CHI '06 extended abstracts on Human factors in computing systems

Publisher: ACM

Full text available: pdf(306.57 KB)   Additional Information: full citation, abstract, references, cited by, index terms

We present a text entry method using the Twiddler one-handed chording keyboard to input Hangul, the Korean alphabet, on mobile phones. After estimating keystrokes of various text entry methods, we found that our Twiddler 3 Bul keymap has the fewest keystrokes ...

Keywords: Hangul, chording, keypad input, mobile input, mobile phones, text entry

8 Communications of the ACM: Volume 51 Issue 1

January 2008   issue   Volume 51 Issue 1
Publisher: ACM

Full text available: pdf(5.97 MB) digital edition(.00 bytes)

Additional Information: full citation, index terms

9 Risks to the public

Peter G. Neumann
July   ACM SIGSOFT Software Engineering Notes,   Volume 30 Issue 4
2005
Publisher: ACM

Full text available: pdf(151.77 KB)

Additional Information: full citation, abstract, index terms

Edited by Peter G. Neumann (Risks Forum Moderator and Chairman of the ACM Committee on Computers and Public Policy), plus personal contributions by others, as indicated. Opinions expressed are individual rather than organizational, and all of the usual ...

10 System design methodologies for a wireless security processing platform

Srivaths Ravi, Anand Raghunathan, Nachiketh Potlapally, Murugan Sankaradass
June   DAC '02: Proceedings of the 39th conference on Design automation
2002
Publisher: ACM

Full text available: pdf(207.37 KB)

Additional Information: full citation, abstract, references, cited by, index terms

Security protocols are critical to enabling the growth of a wide range of wireless data services and applications. However, they impose a high computational burden that is mismatched with the modest processing capabilities and battery resources available ...

Keywords: 3DES, AES, DES, IPSec, RSA, SSL, decryption, design methodology, embedded system, encryption, handset, performance, platform, security, security processing, system architecture, wireless

11 mPERSONA: personalized portals for the wireless user: An agent approach

Christoforos Panayiotou, George Samaras
December   Mobile Networks and Applications,   Volume 9 Issue 6
2004
Publisher: Kluwer Academic Publishers
Full text available: pdf(1.30 MB)   Additional Information: full citation, abstract, references, cited by, index terms

The needs of the wireless and mobile user regarding information access and services are quite different than those of the desktop user. This need is not about browsing the Web but about receiving personalized services that are highly sensitive to the ...

Keywords: mobile agents, mobile computing, personalization, pervasive computing, wireless portals

12 Yesterday's tomorrows: notes on ubiquitous computing's dominant vision

Genevieve Bell, Paul Dourish
January   Personal and Ubiquitous Computing,   Volume 11 Issue 2
2007
Publisher: Springer-Verlag
Full text available: pdf(249.91 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Ubiquitous computing is unusual amongst technological research arenas. Most areas of computer science research, such as programming language implementation, distributed operating system design, or denotational semantics, are defined largely by technical ...

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